Index of Claims

| Α | ۱pp | lica | tion | /Con | itrol | No. |
|---|-----|------|------|------|-------|-----|
|---|-----|------|------|------|-------|-----|

10/619,045

Applicant(s)/Patent under Reexamination

DAWSON, THOMAS

PATRICK Art Unit

Examiner
Nasser G. Moazzami

2187

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla            | aim       |            | ``       |          |          | Dat      | le              |          |              |              | ]             | Cla           | im            |          |           |          | Dat          | е               |          |          | ]  | С     | aim      |          |          |          | _ [      | Date     | <del></del> |          | _         | $\Box$        |
|----------------|-----------|------------|----------|----------|----------|----------|-----------------|----------|--------------|--------------|---------------|---------------|---------------|----------|-----------|----------|--------------|-----------------|----------|----------|--|-------|----------|----------|----------|----------|----------|----------|-------------|----------|-----------|---------------|
| _              | <u>-8</u> | ا<br>ا     | l        |          |          |          |                 |          |              | ł            |               | <b>i</b>      | - <del></del> |          |           |          | İ            |                 |          | ı        |  |       |          |          |          |          |          |          |             |          |           |               |
| Final          | Original  | 7/21/05    | l        |          |          |          |                 |          |              | 1            |               | Final         | Original      |          | ,         |          |              |                 |          | ı        |  | Final | Original |          |          |          |          |          |             |          |           |               |
| ίĒ             | ٦         | 12         |          |          |          |          |                 |          |              |              |               | ίĒ            | ř             |          |           |          | 1            |                 |          |          |  | 這     | Ę        |          |          |          |          |          |             |          |           |               |
|                |           | Ĺ          |          |          |          | L        |                 |          |              |              |               |               |               |          |           |          |              |                 |          |          |  |       | 0        |          |          |          |          |          |             |          |           |               |
| 1_             | _1_       | <u>  =</u> |          |          | <u> </u> |          |                 |          |              |              | ]             |               | 51            |          |           |          |              |                 |          |          | ]!!!!  |       | 101      |          |          |          |          |          |             |          | $\neg$    | $\neg$        |
| 2              | 2         | <u>  =</u> |          |          | L        |          |                 |          |              |              | ]             |               | 52            |          |           |          |              |                 |          |          | ]!!!!  |       | 102      |          |          |          |          |          |             |          | $\exists$ |               |
|                | 3         |            |          |          |          |          |                 |          |              |              | ]             |               | 53            |          |           |          |              |                 |          | T        | ]  |       | 103      |          |          |          |          |          |             | П        | ヿ         |               |
|                | 4         |            |          |          |          |          |                 |          |              |              |               |               | 54            |          |           |          | ]            |                 |          |          | 7  |       | 104      |          |          |          |          |          |             |          | T         |               |
| 3              | 5         | =          |          |          | L        |          |                 |          |              |              |               |               | 55            |          |           |          |              |                 |          |          | 7::::  |       | 105      |          |          |          |          |          |             |          | コ         | $\overline{}$ |
| 4              | 6         | =          |          |          |          |          |                 |          |              |              |               |               | 56            |          |           |          |              |                 |          | Т        | 7::::  |       | 106      |          |          | $\neg$   |          |          |             |          | $\neg$    | $\neg$        |
|                | 7         |            | _        |          | L        |          | <u> </u>        |          |              |              |               |               | 57            |          | •         |          |              |                 |          |          |  | _     | 107      |          |          |          |          |          |             |          | 7         |               |
|                | 8         |            |          |          |          |          |                 |          |              |              |               |               | 58            |          |           |          |              |                 |          |          |  |       | 108      |          |          |          |          |          |             |          | П         | П             |
| 5              | 9         | =          |          |          |          |          |                 |          |              |              |               |               | 59            |          |           |          | T            |                 |          |          |  |       | 109      | П        |          | 可        |          |          |             |          | $\neg$    | コ             |
| 6              | 10        | =          |          |          |          |          |                 |          |              |              |               |               | 60            |          | П         |          |              | П               |          |          | 7  |       | 110      | П        |          | $\neg$   | $\neg$   |          |             |          | ヿ         |               |
| 7              | 11        | =          | oxdot    |          |          | L.       |                 |          |              |              |               |               | 61            |          |           |          |              |                 |          |          | ]  |       | 111      | П        |          |          |          |          |             |          | $\dashv$  | $\neg$        |
| 8              | 12        | =          |          |          |          |          |                 |          | Γ            |              |               |               | 62            |          |           |          |              |                 |          | $\top$   | 1  |       | 112      | П        | $\Box$   | 一        |          |          |             |          | 寸         | ᅴ             |
| 9              | 13        | Ξ          |          |          |          | $L^{-}$  |                 |          |              |              |               |               | 63            |          |           |          | T            | П               |          | $\top$   | 1  |       | 113      |          |          | ヿ        | $\neg$   | П        |             |          | 寸         | ヿ             |
| 10             | 14        | =          |          |          |          |          |                 |          |              |              |               |               | 64            |          |           |          |              | П               | $\neg$   |          | 1  |       | 114      |          |          | 一        |          |          |             |          | $\dashv$  | $\dashv$      |
| 11             | 15        | =          |          |          |          |          |                 |          |              |              |               |               | 65            | $\Box$   | $\neg$    | $\neg$   | 1            | П               | $\dashv$ | $\top$   | 1  |       | 115      |          |          | 寸        | $\neg$   |          |             |          | $\dashv$  | ヿ             |
| 12             | 16        | =          | П        |          |          |          |                 |          | Τ            |              |               |               | 66            | $\Box$   | $\dashv$  | 丁        | 1            | П               | $\neg$   |          | 1  |       | 116      | П        |          |          |          |          |             | $\dashv$ | $\dashv$  | $\dashv$      |
|                | 17        | Π          | П        |          |          |          |                 |          | 1            |              |               |               | 67            | $\Box$   | $\top$    | 丁        | 1            | П               |          | $\top$   | 1  |       | 117      | $\Box$   | $\dashv$ | $\dashv$ | $\dashv$ |          |             | 7        | 7         | $\dashv$      |
|                | 18        |            |          |          | Г        | Г        | -               |          |              |              |               |               | 68            | $\Box$   | $\top$    | $\top$   | $\top$       | $\Box$          | $\neg$   | 十        | 1  |       | 118      | H        |          | 7        | _        |          |             | $\dashv$ | 十         | ᅥ             |
| 13             | 19        | =          | П        | _        |          |          | $\vdash$        | 1        |              |              |               |               | 69            | $\vdash$ | $\dashv$  | 1        | <del> </del> | П               | $\neg$   | 十        | 1  |       | 119      | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | _        |             | -+       | $\dashv$  | $\dashv$      |
| 14             | 20        | =          | П        |          |          | Т        |                 | 1        |              |              |               |               | 70            | $\vdash$ | $\forall$ | $\top$   | +            | Н               | _        | +        | 1  |       | 120      | Н        | $\neg$   | $\dashv$ | ᅥ        |          |             | $\dashv$ | 十         | $\dashv$      |
| 15             | 21        | =          | П        |          |          | _        | $\vdash$        |          | $\vdash$     |              |               |               | 71            |          | $\dashv$  | _        | +            | Н               | 十        | ╅        | 1  |       | 121      |          | -        | +        | $\dashv$ | $\dashv$ |             | $\dashv$ | -+        | $\dashv$      |
| 16             | 22        | Ξ          | П        |          |          | 1        |                 | T        | t            | Ė            |               |               | 72            |          | $\dashv$  | $\top$   | +-           | Н               |          | _        | 1  |       | 122      | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   |             |          | $\dashv$  | ┪             |
| 17             | 23        | Ξ          | П        |          |          | Т        | T               |          | T            |              |               |               | 73            |          | 7         | $\neg$   | $\top$       | П               | _        | _        | 1  |       | 123      | $\vdash$ | $\dashv$ | -        | _        | -        | $\dashv$    | $\dashv$ | $\dashv$  | ᅱ             |
| 18             | 24        | =          | Н        |          |          |          | 1               | Н        | 1-           | 1            |               |               | 74            | $\dashv$ | _         |          | +-           | $\vdash$        |          | +        | اااااا                                       |       | 124      | $\dashv$ | ᅱ        | -        | $\dashv$ |          | $\dashv$    | $\dashv$ | -         | ⊣             |
|                | 25        | <u> </u>   | П        |          | _        | Т        |                 |          | $\vdash$     | _            |               |               | 75            | 1        | _         | $\top$   | +            | $\vdash$        | _        | $\top$   | 1  |       | 125      | $\dashv$ | 7        | -        | -        | $\dashv$ | ᅱ           | +        | -+        | 一             |
| $\neg$         | 26        |            | Н        |          | _        | Г        | T               | T        | 1            | _            |               |               | 76            | $\vdash$ | +         | +        | +            | $\vdash$        | -        | +-       | 1  |       | 126      | $\dashv$ |          | -+       |          | -        |             | -        | $\dashv$  | $\dashv$      |
|                | 27        |            | П        |          |          | $\vdash$ | T               | $\vdash$ | 1            |              |               |               | 77            |          | $\dashv$  | $\top$   | +            | $\vdash$        | _        | $\top$   | 1  |       | 127      | $\vdash$ | $\dashv$ | _        | $\dashv$ | 一        | ᅱ           | -        | -+        | $\dashv$      |
|                | 28        |            |          |          |          | _        |                 |          | 1            | $\vdash$     |               | $\neg$        | 78            | -        | $\top$    | +        | $\dagger$    | $\vdash$        | +        |          | 1  |       | 128      |          | -        | +        | $\dashv$ | -        | ┪           | ┪        | +         | $\dashv$      |
|                | 29        |            |          | _        |          |          |                 | $\vdash$ | T            | _            |               |               | 79            | $\dashv$ | $\dashv$  | $\dashv$ | _            |                 | $\dashv$ | ╅        | 1  |       | 129      | $\dashv$ | $\dashv$ | $\dashv$ | ┪        | -        | ᆉ           | +        | $\dashv$  | $\dashv$      |
|                | 30        |            | П        |          |          | _        | T               | ┢        | t            | $\vdash$     |               |               | 80            | $\dashv$ | +         | $\dashv$ | +            | Н               |          | +        | 1  |       | 130      | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | $\dashv$    | $\dashv$ | $\dashv$  | ᅱ             |
|                | 31        |            | H        |          |          | -        | _               | $\vdash$ | <del> </del> |              |               |               | 81            | -        | ╅         | +        | 1            | $\vdash$        | $\dashv$ | +        | 1  |       | 131      | $\dashv$ | +        |          | $\dashv$ | $\dashv$ | $\dashv$    | +        | $\dashv$  | $\dashv$      |
|                | 32        | _          |          |          | Н        | $\vdash$ | ╁╌              | ┢        | ╁            | <del> </del> |               |               | 82            | -        | +         |          | ╅            |                 | $\dashv$ | +-       | 1  |       | 132      | $\vdash$ | $\dashv$ | $\dashv$ | +        |          |             | $\dashv$ | +         | $\dashv$      |
|                | 33        |            |          |          | Н        | -        | $\vdash$        | $\vdash$ | t            |              |               |               | 83            | $\dashv$ |           | $\dashv$ | +-           | $\vdash$        | -        | +        | 1  |       | 133      | $\dashv$ | $\dashv$ | $\dashv$ | ᆉ        | $\dashv$ | $\dashv$    | +        | +         | ᅱ             |
|                | 34        |            | $\vdash$ |          | Н        | _        |                 | ┪        | $\vdash$     |              |               |               | 84            | -        | $\dashv$  | +        | +            | $\vdash \vdash$ | $\dashv$ | +        |  |       | 134      | $\dashv$ | $\dashv$ |          |          | -        | $\dashv$    | $\dashv$ | $\dashv$  | $\dashv$      |
|                | 35        |            | $\dashv$ | _        | $\dashv$ |          |                 |          | <b>†</b>     |              |               | $\overline{}$ | 85            | $\dashv$ | +         | +        | $\top$       | $\vdash$        | -        |          |  |       | 135      |          | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$    | $\dashv$ | +         | $\dashv$      |
| -              | 36        |            | $\vdash$ |          | $\vdash$ | -        | П               | m        | $\vdash$     | Н            |               |               | 86            | -        | $\dashv$  | +        | +-           | $\vdash$        | +        | +        | t iii  |       | 136      |          | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$    | -        | $\dashv$  | $\dashv$      |
|                | 37        | П          | $\vdash$ |          | $\vdash$ | _        | Н               | $\vdash$ | 1            | _            |               |               | 87            | $\dashv$ | +         | +        | +            | $\vdash$        | $\dashv$ | $\dashv$ | ╢  |       | 137      | -        | $\dashv$ | $\dashv$ | $\dashv$ |          |             | -        | -+        | $\dashv$      |
|                | 38        | Н          | $\dashv$ |          | $\vdash$ |          | Н               | Н        | Т            |              |               |               | 88            | $\dashv$ | $\dashv$  | $\dashv$ | +            | $\vdash$        | $\dashv$ | +-       | 1 1  |       | 138      |          | -        | +        | $\dashv$ | -        | $\dashv$    | +        | $\dashv$  | $\dashv$      |
|                | 39        |            | $\neg$   | _        |          | $\vdash$ | H               | $\vdash$ | 1            |              |               | 1             | 89            | $\dashv$ | +         | $\dashv$ | 1            | $\vdash$        | $\dashv$ | ╅        | 1  |       | 139      | -        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | 十         | $\dashv$      |
| $\neg \dagger$ | 40        | Н          | $\vdash$ | _        | $\neg$   | $\vdash$ | Н               | H        | $\vdash$     | Н            |               | -             | 90            | $\dashv$ | 十         | ╅        | +            | $\vdash$        | $\dashv$ | +        | ╽╟   |       | 140      | $\dashv$ | $\dashv$ | +        | -+       |          | $\dashv$    | $\dashv$ | $\dashv$  | $\dashv$      |
|                | 41        |            |          |          |          | _        | Н               | $\vdash$ |              | _            |               |               | 91            | $\dashv$ | +         | +        | +-           | $\vdash$        | $\dashv$ | +-       | ╽┈╽  |       | 141      | $\dashv$ | -+       | -        | -        | -        | -           | $\dashv$ | +         | $\dashv$      |
|                | 42        | $\vdash$   |          |          |          |          | Н               | $\vdash$ | Н            | Н            |               |               | 92            | $\dashv$ | +         | +        | +            | $\vdash$        | -+       | +-       | ╢  |       | 142      | $\dashv$ | $\dashv$ | +        | +        | -        | $\dashv$    | $\dashv$ | +         | $\dashv$      |
|                | 43        | $\dashv$   | $\dashv$ |          | $\dashv$ | _        | $\vdash$        | Ι-       | Н            | $\vdash$     | H             |               | 93            | +        | $\dashv$  | +        | +            | $\vdash$        | +        | +        | ╢  |       | 143      | +        | -+       | $\dashv$ | +        | $\dashv$ | +           | +        | $\dashv$  | $\dashv$      |
|                | 44        |            |          |          |          |          | Н               | _        | Н            | H            | ⊪             | $\dashv$      | 94            | $\dashv$ | +         | +-       | +            | $\vdash$        | $\dashv$ | +        | <b>{</b>                                     |       | 144      |          | $\dashv$ | $\dashv$ | ╛        | $\dashv$ | $\dashv$    | $\dashv$ | +         | $\dashv$      |
| $\dashv$       | 45        |            | $\dashv$ | -        | $\dashv$ | _        | H               | -        | Н            | $\dashv$     | ⊪∤            |               | 95            | $\dashv$ | +         | +        |              | $\vdash \vdash$ | +        | +-       | ╢  |       | 145      | $\dashv$ | $\dashv$ | -+       | -        |          | -           | +        | +         | $\dashv$      |
|                | 46        | $\dashv$   | ┥        | -        | $\dashv$ |          | Н               |          | H            | H            | )             | -+            | 96            | +        | +         | +        | +            | $\vdash$        | -        | +        | {       <b> </b>                             |       | 146      | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ |           | $\dashv$      |
|                | 47        |            | -        | -        | $\dashv$ |          | $\vdash \vdash$ | -        | Н            | $\vdash$     | :::: <b>!</b> | -+            | 97            | +        | +         | +        | +            | $\vdash$        | +        | +-       | ╢╟   |       | 147      | $\dashv$ | +        | +        | $\dashv$ | $\dashv$ | $\dashv$    | -        | $\dashv$  | $\dashv$      |
| $\rightarrow$  | 48        |            | $\dashv$ |          | $\dashv$ |          |                 | -        | Н            |              | ⊪⊪            |               | 98            | +        | +         | +        | +            | $\vdash \vdash$ | +        | +-       | ╂  |       |          | $\dashv$ | -        | +        | $\dashv$ |          |             | -+       | $\dashv$  | $\dashv$      |
| $\dashv$       | 49        | -          | $\dashv$ | -        | $\dashv$ | -        | $\vdash$        | -        | $\vdash$     | $\dashv$     | ⊪⊦            |               | 99            | $\dashv$ | +         | +        | +            | $\vdash$        |          | +        | <b>                                     </b> |       | 148      | -1       | $\dashv$ | -+       | $\dashv$ | -        | $\dashv$    | +        | +         | $\dashv$      |
| -              | 50        |            | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$        | -        | Н            | $\dashv$     | <b> </b>      |               | 100           | +        | +         |          | +            | $\dashv$        |          |          | ╢╟   |       | 149      | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$    | +        | -+        | $\dashv$      |
|                | JU        |            |          |          |          |          | لـــا           |          | ш            |              | :::::[        |               | 100           |          | ᆚ         | J        |              |                 |          |          | J:::::[                                      |       | 150      | 1        |          |          |          |          |             |          |           | _ 1           |